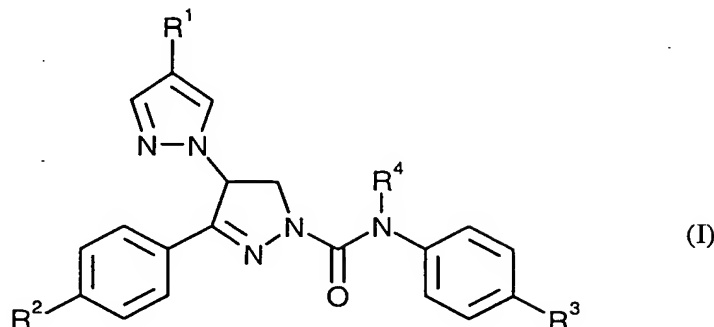


**Patent claims**

1. Pyrazolinecarboxanilides of the formula (I)



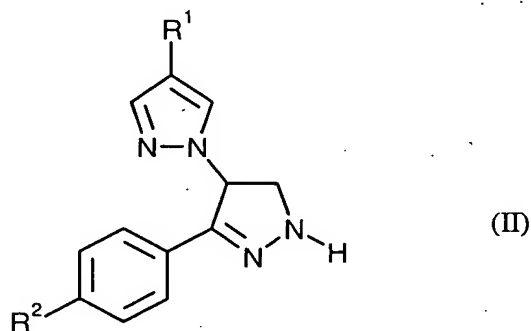
5 in which

- $R^1$  represents halogen,
- $R^2$  represents cyano, halogen, haloalkyl, haloalkoxy, alkylthio, haloalkylthio, alkylsulphinyl, haloalkylsulphinyl, alkylsulphonyl or haloalkylsulphonyl,
- $R^3$  represents cyano, halogen, haloalkyl, haloalkoxy, alkylthio, haloalkylthio, alkylsulphinyl, haloalkylsulphinyl, alkylsulphonyl or haloalkylsulphonyl and
- 10  $R^4$  represents cyanoalkyl.
2. Pyrazolinecarboxanilides of the formula (I) according to Claim 1 in which
- $R^1$  represents chlorine, bromine or iodine,
- 15  $R^2$  represents cyano, fluorine, chlorine, bromine, iodine, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl or C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl,
- $R^3$  represents cyano, fluorine, chlorine, bromine, iodine, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl or C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl,
- 20  $R^4$  represents cyano-C<sub>1</sub>-C<sub>4</sub>-alkyl.
- 25 3. Pyrazolinecarboxanilides of the formula (I) according to Claim 1 in which
- $R^1$  represents chlorine, bromine or iodine,
- $R^2$  represents cyano, fluorine, chlorine, bromine, iodine, monofluoromethyl, difluoromethyl, trifluoromethyl, monochloromethyl, dichloromethyl, trichloromethyl, chlorodifluoromethyl, fluorodichloromethyl,

- monofluoroethyl, difluoroethyl, trifluoroethyl, tetrafluoroethyl, pentafluoroethyl, monochloroethyl, dichloroethyl, trichloroethyl, chlorofluoroethyl, chlorodifluoroethyl, chlorotrifluoroethyl, fluorodichloroethyl, dichlorodifluoroethyl, difluoromethoxy, trifluoromethoxy, chlorodifluoromethoxy, fluoroethoxy, difluoroethoxy, trifluoroethoxy, tetrafluoroethoxy, chloroethoxy, dichloroethoxy, chlorofluoroethoxy, methylthio, ethylthio, n- or i-propylthio, difluoromethylthio, trifluoromethylthio, chlorodifluoromethylthio, methylsulphinyl, ethylsulphinyl, difluoromethylsulphinyl, trifluoromethylsulphinyl, methylsulphonyl, ethylsulphonyl, difluoromethylsulphonyl or trifluoromethylsulphonyl,
- 5  $R^3$  represents cyano, fluorine, chlorine, bromine, iodine, monofluoromethyl, difluoromethyl, trifluoromethyl, monochloromethyl, dichloromethyl, trichloromethyl, chlorodifluoromethyl, fluorodichloromethyl, monofluoroethyl, difluoroethyl, trifluoroethyl, tetrafluoroethyl, pentafluoroethyl, monochloroethyl, dichloroethyl, trichloroethyl, chlorofluoroethyl, chlorodifluoroethyl, chlorotrifluoroethyl, fluorodichloroethyl, dichlorodifluoroethyl, difluoromethoxy, trifluoromethoxy, chlorodifluoromethoxy, fluoroethoxy, difluoroethoxy, trifluoroethoxy, tetrafluoroethoxy, chloroethoxy, dichloroethoxy, chlorofluoroethoxy, methylthio, ethylthio, n- or i-propylthio, difluoromethylthio, trifluoromethylthio, chlorodifluoromethylthio, methylsulphinyl, ethylsulphinyl, difluoromethylsulphinyl, trifluoromethylsulphinyl, methylsulphonyl, ethylsulphonyl, difluoromethylsulphonyl or trifluoromethylsulphonyl,
- 10  $R^4$  represents cyanomethyl, cyanoethyl or cyanopropyl.
- 15
- 20
- 25
4. Pyrazolinecarboxanilides of the formula (I) according to Claim 1 in which
- $R^1$  represents chlorine or bromine,
- $R^2$  represents cyano, fluorine, chlorine, bromine, iodine, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, chlorodifluoromethyl, fluorodichloromethyl, difluoromethoxy, trifluoromethoxy, chlorodifluoromethoxy, difluoromethylthio, trifluoromethylthio, chlorodifluoromethylthio, trifluoromethylsulphinyl or trifluoromethylsulphonyl,
- 30  $R^3$  represents cyano, fluorine, chlorine, bromine, iodine, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, chlorodifluoromethyl, fluorodichloromethyl, difluoromethoxy, trifluoromethoxy, chlorodifluoro-
- 35

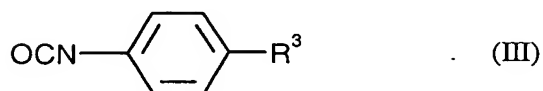
methoxy, difluoromethylthio, trifluoromethylthio, chlorodifluoromethylthio, trifluoromethylsulphinyl or trifluoromethylsulphonyl,  
 $R^4$  represents cyanomethyl.

- 5      5. Process for preparing pyrazolinecarboxanilides of the formula (I) according to Claim 1, characterized in that  
 (a) substituted pyrazolines of the formula (II)



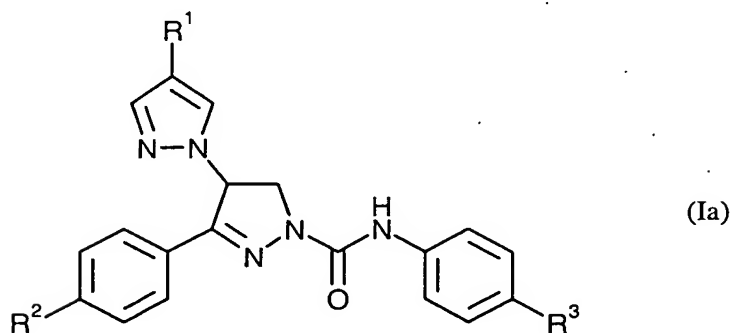
in which  $R^1$  and  $R^2$  are as defined in Claim 1,

are reacted with isocyanates of the formula (III)



in which  $R^3$  is as defined in Claim 1,

- 15      if appropriate in the presence of a diluent and if appropriate in the presence of a catalyst, and the resulting substituted pyrazolinecarboxanilides of the formula (Ia)



in which

$R^1$ ,  $R^2$  and  $R^3$  are as defined in Claim 1,

are reacted with halogen compounds of the formula (IV)



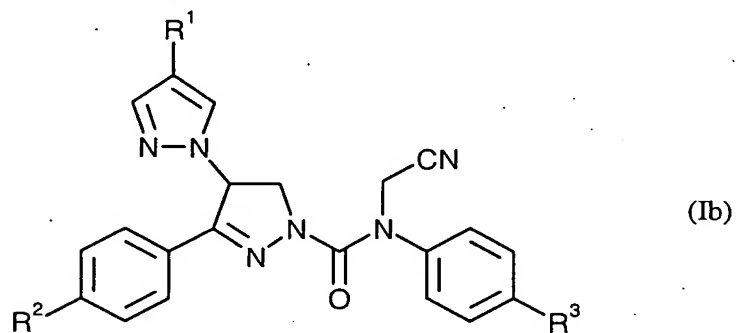
in which

$R^4$  is as defined in Claim 1 and

$X^1$  represents halogen,

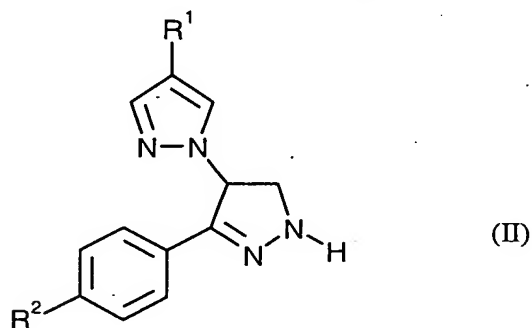
if appropriate in the presence of a diluent and if appropriate in the presence of a base,

or that the substituted pyrazolinecarboxanilides of the formula (Ib)



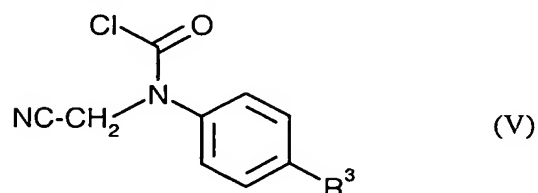
in which  $R^1$ ,  $R^2$  and  $R^3$  are as defined in Claim 1  
are obtained by

(b) reacting substituted pyrazolines of the formula (II)



in which  $R^1$  and  $R^2$  are as defined in Claim 1

with carbamoyl chlorides of the formula (V)



in which  $R^3$  is as defined in Claim 1

in the presence of a diluent and if appropriate in the presence of a base.

- 5      6.      Pesticides, characterized in that they comprise at least one compound of the formula (I) according to Claim 1, in addition to extenders and/or surfactants.
7.      Use of compounds of the formula (I) according to Claim 1 for controlling pests.
- 10     8.      Method for controlling pests, characterized in that compounds of the formula (I) according to Claim 1 are allowed to act on pests and/or their habitat.
9.      Process for preparing pesticides, characterized in that compounds of the formula (I) according to Claim 1 are mixed with extenders and/or surfactants.